

EAST Search History

/PB/

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 27 | ("20030143912" "20040053551" "20050269736" "20060260736" "4041203" "4381326" "4878825" "5098764" "5678379" "6903034" "6942711").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L2 | 4 | L1 and spunbond\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L3 | 2 | "5549777".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L4 | 50 | ("3043738" "3077882" "3081515" "3165432" "3190781" "3331728" "3421964" "3523149" "3878014" "3911186" "3929135" "3945386" "3965906" "3967623" "3987792" "3994299" "4077410" "4323069" "4342314" "4609518" "4619724" "4695422" "4726976" "4741877" "4781962" "4797246" "4995930" "5171238" "5173351" "5282915" "5368910").PN. OR ("5549777").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L5 | 18 | ("2714571" "2897109" "3058863").PN. OR ("5282915").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L6 | 33 | ("2897109").URPN. | USPAT | OR | OFF | 2008/03/17 08:50 |
| L7 | 368 | 264/171.13.ccls. | USPAT | OR | OFF | 2008/03/17 08:50 |
| L8 | 649 | 264/171.13.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |

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|-----|------|---|---|----|-----|---------------------|
| L9 | 13 | L8 and spunbond\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L10 | 0 | L8 and spinbond\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L11 | 7765 | 156/166-181.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L12 | 0 | L10 and spunbond\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L13 | 0 | L10 and spun adj bond\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L14 | 331 | L11 and (spun adj bond\$3 or spunbond\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L15 | 18 | L8 and (spun adj bond\$3 or spunbond\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L16 | 27 | ("20030143912" "20040053551" "20050269736" "20060260736" "4041203" "4381326" "4878825" "5098764" "5678379" "6903034" "6942711").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L17 | 18 | (4714647 4657802 5188885 3940302 5385775 4789699 4939016 4749423).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |

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|-----|-------|--|---|----|-----|---------------------|
| L18 | 8 | [4714647 4657802 5188885 3940302 5385775 4789699 4939016 4749423).PN | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L19 | 0 | L18 and vacuum near3 roller | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L20 | 6 | L18 and vacuum | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L21 | 0 | L18 and vacuum with roller | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L22 | 1 | L18 and vacuum with roller | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L23 | 971 | 156/167.cds. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L24 | 2946 | 156/178-181.cds. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L25 | 649 | 264/171.13.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L26 | 4005 | L25 or L23 or L24 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L27 | 3875 | vacuum near3 roller | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L28 | 3875 | vacuum near3 roller and vacuum with roller | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L29 | 79 | L28 and spunbond\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L30 | 60 | L28 and spun adj bond\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L31 | 128 | L28 and (spunbond\$3 or spun adj bond\$3 or melt adj blow\$3 or meltblow\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L32 | 0 | ("6649547" "6139941" "5733822" "4668566").cds. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L33 | 4 | ("6649547" "6139941" "5733822" "4668566").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L34 | 24105 | hollow with roller | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L35 | 0 | L34 and L18 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L36 | 0 | L34 and L33 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L37 | 23 | L34 and L26 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L38 | 338 | hollow with vacuum with roller | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L39 | 0 | L38 and L26 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |

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|-----|-----|---|---------------------------|----|-----|---------------------|
| L40 | 86 | vacuum near3 (roller near3 box) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L41 | 0 | L18 and suction with roller | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L42 | 0 | L33 and suction with roller | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L43 | 15 | L26 and suction with roller | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L44 | 11 | ("20030143912" "20040053551" "20050269736" "20060260736" "4041203" "4381326" "4878825" "5098764" "5678379" "6903034" "6942711").FN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L45 | 48 | ("20020025753" "20030211801" "3485706" "3494821" "3560326" "3692618" "4107374" "4476186" "4560385" "4668566" "4774110" "4808467" "4818594" "4970104" "4997611" "5023130" "5098764" "5142750" "5142753" "5151320" "5192600" "5244711" "5288348" "5290626" "5355565" "5369858" "5470640" "5482772" "5573841" "5587225" "5623888" "5635290" "5674587" "5674591" "5736219" "5840633" "5858017" "5888916" "5899785" "5970583" "6200669" "6306234" "6321425" "6430788").FN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L46 | 240 | ("1786669" "2121802" "2188332" "2331945" "2336743" "2336745" "2411660" "2437263" "2456922" "2508462" "2522527" "2604667" "2620853" "2644779" "2688380" "2810426" "2825120" "2861319" "2945739" "3028623" "3063454" "3109220" "3109278" "3117906" "3154836" "3164949" "3219739" "3266969" "3297807" "3303169" "3314840" "3322607" "3360421" "3366722" "3379811" "3396071" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |

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| L47 | 33 | ("3441468").URPN. | USPAT | OR | OFF | 2008/03/17 08:50 |
| L48 | 2 | ("5456876").URPN. | USPAT | OR | OFF | 2008/03/17 08:50 |
| L49 | 464 | ("3502763").URPN. | USPAT | OR | OFF | 2008/03/17 08:50 |
| L50 | 737 | ("3849241").URPN. | USPAT | OR | OFF | 2008/03/17 08:50 |
| L51 | 58 | ("3949130").URPN. | USPAT | OR | OFF | 2008/03/17 08:50 |
| L55 | 294 | ("2206761" "2266761" "2357392" "2464301" "2483405" "2957512" "2957852" "3186893" "3338992" "3341394" "3371668" "3391048" "3439085" "3449187" "3468748" "3502538" "3502763" "3542615" "3575782" "3616129" "3629047" "3669823" "3673026" "3676242" "3689342" "3692618" "3752613" "3773590" "3802817" "3806289" "3836416" "3849241" "3890184" "3912567" "3917448" "3949130" "3978185" "4013816" "4090385" "4107364" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |

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| "5229191" | "5232777" |
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| "6004306" | "6033502" |
| "6045543" | "6057024" |
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| "D331627" | "D335707" |
| "D340283" | "D414262".PN. |

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|-----|---------|---|---|----|-----|---------------------|
| L56 | 698 | (L46 or L49) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L57 | 5 | L56 and L27 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L58 | 7987 | (vacuum or suction) near3 roller | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L59 | 5 | L56 and L58 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L60 | 2 | ("3849241" "3502763").pn. | USPAT | OR | OFF | 2008/03/17 08:50 |
| L61 | 8 | ("3849241" "3502763").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L62 | 464 | ("3502763").URPN. | USPAT | OR | OFF | 2008/03/17 08:50 |
| L63 | 12 | L18 or L33 | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 08:50 |
| L64 | 2 | L63 and cylinder | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L65 | 15 | L24 and (suction or vacuum) near3 (cylinder or roller) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L66 | 3 | ("4593706").URPN. | USPAT | OR | OFF | 2008/03/17 08:50 |
| L67 | 649 | 264/171.13.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L68 | 1717925 | @pd>="20070601" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L69 | 11 | L67 and L68 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/17 08:50 |
| L70 | 1 | "5385775".pn. | USPAT | OR | ON | 2008/03/17 08:50 |
| L71 | 1 | pattern\$3 and L70 | USPAT | OR | ON | 2008/03/17 08:50 |
| L72 | 1 | foraminous and L70 | USPAT | OR | ON | 2008/03/17 08:50 |

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|-----|-----|--|---------------------------|----|----|---------------------|
| L73 | 103 | ("3371668" "3468748" "3575782" "3940302" "4426420" "4522863" "4552795" "4606964" "4652487" "4657802" "4680213" "4720415" "4781966" "4801482" "4863779" "4879170" "4891957" "4910064" "4939016" "4970104" "4977011" "4981747" "4984584" "5200246").PN. OR ("5385775").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/17 08:50 |
| L74 | 18 | foraminous and L73 | USPAT | OR | ON | 2008/03/17 08:50 |
| L75 | 77 | pattern\$3 and L73 | USPAT | OR | ON | 2008/03/17 08:50 |
| L76 | 1 | "5549777".pn. | USPAT | OR | ON | 2008/03/17 08:50 |
| L77 | 11 | ("5549777").URPN. | USPAT | OR | ON | 2008/03/17 08:50 |

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